

Attendance: Bill Barnes, Bob Barnes, Stuart Biggar, Vincent Chiang, Gene Eplee, Gerhard Meister, Chris Moeller, Junqiang Sun, Gary Toller, Eric Vermote, Zhengming Wan, Jack Xiong

Scheduled Agenda**Item 1: Instrument operation**

Both Terra and Aqua MODIS are in nominal operations. No change for Terra detector noise patterns.

Item 2: L1B LUT delivery

(1) Terra V4.3.0.14 (August 12) regular m1 update to DAAC. (2) Aqua V4.3.1.9 (August 19) regular m1 and RSB RVS update to DAAC. (3) Terra V4.3.0.15 (August 31) regular m1 and RSB RVS update to DAAC.

Item 3: L1B collection 5 code changes

(1) SWIR OOB correction using B25 or B28 for Terra?

JX) Collection 5 will freeze L1B code soon. We would like to close the SWIR OOB issue. If B25 does not improve the OOB correction, we would like to stay with B28. The only concern with B28 is the increasing number of noisy detectors in B28. We have finished the code change for the detector selection option (can be used for B25 or B28).

CM) I have received the L1B using B25 from MCST and will take a look at the data. Eric might want to take a look at B5-7 as well.

JX) When collection 5 starts, the L1B for forward process will use predicted m1.

(2) Band 21 mirror-side dependent b1 L1B test for fire detection.

JX) For B21, we can do a minimum L1B granule test. If Land team can provide some specific granules, please let us know. Keep in mind that Band 21 b1 is still using the fixed values. We add mirror-side dependent flexibility in L1B.

EV) I will find some granules for the test and let you know.

Around the Table**Participant:** Eric Vermote – Collection 5

EV) I will get back to MCST by the end of this week with some granule information for B21 test. In addition to SWIR OOB, we want to look at the polarization issue. I have received some documents from Ocean group and Aqua's polarization fitting residual data from MCST. I would like to have Terra's data as well. Vincent also sent me SRCA cross talk data.

Participant: Chris Moeller – Terra SWIR OOB correction using B25 and Collection 5

CM) There is some merit of using B25 because of recent B28 problem. I would like to request a regular night time cloud scene test using B25.

CM) We noticed that, in April 2001 maybe, there was an extra scan in the data with filled value. I don't know the impact of this on the product. I want to make sure if it's fine. And for your information, especially for Eric, we are also looking at de-stripping for Sun-glinton area.

JX) Please provide us the data information for the extra scan. We will take a look. And please work with Eric and Vincent on the SWIR testing issue offline. We try to close it soon.

Participant: Gerhard Meister and Bob Barnes – Discussion on Ocean saturation and scattering

Participant: Stuart Biggar – Field campaign

Participant: Zhengming Wan – L1B test request for Terra DSM RVS on LST (Vincent will coordinate with Dr. Wan.)

Next MsWG meeting scheduled on September 15, 2004